

## MATERIAL SAFETY DATA SHEET

FEB 01 1982

AUG 28 1980

FOR COATINGS, RESINS AND RELATED MATERIALS

SIKKENS

DATE OF PREP.

JULY 30, 1980

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

#CA 7965000

## Section I

MANUFACTURER'S NAME BOSTIK WEST, DIV. OF USM CORPORATION, AN EMHART UNIT

STREET ADDRESS 20846 So. Normandie Ave. CITY, STATE, AND ZIP CODE Torrance, Ca. 90502

EMERGENCY TELEPHONE NO. (213) 320-6800

PRODUCT CLASS EPOXY

MANUFACTURERS CODE IDENTIFICATION 473-3-9

Catalyst: CA-118

TRADE NAME BOSTIK

Mix Ratio: 3 parts 473-3-9 (Base) to 1 part CA-118 by volume

## Section II - HAZARDOUS INGREDIENTS

INGREDIENT 473-3-9 (BASE ONLY)	PERCENT (Wt.)	TLV		LEL	VAPOR PRESSURE mm. Hg.
		PPM	mg/M <sup>3</sup>		
KETONE SOLVENTS	35-40	25-200		1.2	70.0
AROMATIC SOLVENTS	10-15	100		1.0	22.0
GLYCOL ETHER SOLVENTS	5-10	50		1.1	1.0
ALCOHOL SOLVENTS	< 1.0	100		1.7	4.0

## Section III - PHYSICAL DATA

BOILING RANGE 176-340 Deg. F. VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME 74% WEIGHT PER GALLON 8.6 lbs.

## Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Red label, Flammable (Min.) FLASH POINT 23 Deg. F. Tag Closed LEL 1.0 Cup

EXTINGUISHING MEDIA Exclude air - Use foam, CO<sub>2</sub>, steam, water-fog, dry chemicals. Do not use water.

UNUSUAL FIRE AND EXPLOSION HAZARDS Vapor forms explosive mixture with air between upper and lower explosion limits.

SPECIAL FIRE FIGHTING PROCEDURES Do not use water, exclude air, use water spray to cool fire exposed surfaces and to protect personnel.

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Headache, nausea, dizziness. Breathing vapor will be irritating to nose, throat, and eyes.

EMERGENCY AND FIRST AID PROCEDURES Skin Exposure: Wash affected area with soap and water  
Eye Exposure: Flush with water for at least 15 minutes, consult physician.  
Ingestion: Consult physician immediately.  
Inhalation: Remove victim to fresh air, consult physician.

## Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID Storage at high temperatures  
Sparks & open flame.

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>, Aldehydes and other organics, oxides of nitrogen.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate sources of ignition and clear fumehood area. Prevent liquid from entering sewers, water courses, or low areas. Keep unnecessary personnel away. Shut off source, if possible to do so without hazard. Contain spilled liquid with sawdust, sand or oil absorbing compound. Wash area with detergent & water. Consult disposal expert & ensure conformity with local regulations.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Use approved respiratory protection such as an air-supplied mask if used in non ventilated area.

Mechanical: Explosion-proof ventilation equipment. No smoking or open lights.

VENTILATION Face velocity > 60 fpm in confined area.

PROTECTIVE GLOVES Chemically resistant gloves

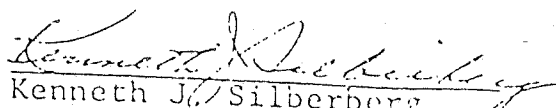
EYE PROTECTION Chemical splash goggles or face shield

OTHER PROTECTIVE EQUIPMENT Eye bath & safety shower.

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers closed when not in use. Do not handle or store near flame, heat or strong oxidants. Adequate ventilation required. Containers of this product may be hazardous when emptied - - these containers retain product residues (vapor, liquid, etc.)

All handling equipment should be electrically grounded. Treat as a very flammable liquid.

  
Kenneth J. Silberberg  
Technical Administrative Manager